

Rabbit anti-Human FAM29A/HAUS6 Polyclonal Antibody | anti-FAM29A/HAUS6 antibody

Anti-FAM29A/HAUS6 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128221	Rabbit	Human	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

FAM29A/HAUS6; Polyclonal Antibody; Anti-FAM29A/HAUS6 Antibody Picoband; HAUS augmin like complex subunit 6; HAUS6; DGT6; FAM29A; KIAA1574; HAUS augmin-like complex subunit 6; anti-FAM29A/HAUS6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Applicable Applications for anti-FAM29A/HAUS6 antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E coli-derived human FAM29A/HAUS6 recombinant protein (Position: M1-R919).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Cross Reactivity	No cross-reactivity with other proteins
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.

IMAGES



IF (Immunofluorescence)

Figure 2. IF analysis of FAM29A/HAUS6 using anti-FAM29A/HAUS6 antibody (AAA128221) and anti-Beta Tubulin antibody (M01857-3).FAM29A/HAUS6 was detected in an immunocytochemical section of Hela cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5ug/mL rabbit anti-FAM29A/HAUS6 Antibody (AAA128221) and mouse anti-Beta Tubulin antibody (M01857-3) overnight at 4 degree C. DyLight®488 Conjugated Goat Anti-Rabbit IgG and DyLight®594 Conjugated Goat Anti-Mouse IgG (BA1141) were used as secondary antibody at 1:500 dilution and incubated for 30 minutes at 37 degree C. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)

Figure 1. Western blot analysis of FAM29A/HAUS6 using anti-FAM29A/HAUS6 antibody (AAA128221).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human Jurkat whole cell lysates,Lane 2: human K562 whole cell lysates,Lane 3: human MCF-7 whole cell lysates,Lane 4: human HEL whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-FAM29A/HAUS6 antigen affinity purified polyclonal antibody (AAA128221) at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for FAM29A/HAUS6 at approximately 109 kDa. The expected band size for FAM29A/HAUS6 is at 109 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FAM29A/HAUS6 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-FAM29A/HAUS6 antibody	Primary Antibodies
References	1. Goshima, G., Mayer, M., Zhang, N., Stuurman, N., Vale, R. D. Augmin: a protein complex required for centrosome-independent microtubule generation within the spindle. J. Cell Biol. 181: 421-429, 2008.2. Hartz, P. A. Personal Communication. Baltimore, Md. 6/7/2010.3. Lawo, S., Bashkurov, M., Mullin, M., Gomez Ferreria, M., Kittler, R., Habermann, B., Tagliaferro, A., Poser, I., Hutchins, J. R. A., Hegemann, B., Pinchev, D., Buchholz, F., Peters, J.-M., Hyman, A. A., Gingras, A.-C., Pelletier, L. HAUS, the 8-subunit human augmin complex, regulates centrosome and spindle integrity. Curr. Biol. 19: 816-826, 2009.

NCBI AND UNIPROT INFORMATION

NCBI GI #	85700957
NCBI GeneID	54801
UniProt Accession #	Q7Z4H7; Q05CG1; Q14CB6; Q14CD9; Q2TA91; Q6IQ10; Q6NZX5; Q8IZQ4; Q96FN0; Q9H950; B3KPK4; B4DX82
Molecular Weight	955
NCBI Official Full Name	HAUS augmin-like complex subunit 6
NCBI Official Synonym Full Names	HAUS augmin-like complex, subunit 6
NCBI Official Symbol	HAUS6
NCBI Official Synonym Symbols	Dgt6; FAM29A
NCBI Protein Information	HAUS augmin-like complex subunit 6; dim gamma-tubulin homolog; family with sequence similarity 29, member A
UniProt Protein Name	HAUS augmin-like complex subunit 6
UniProt Gene Name	HAUS6
UniProt Synonym Gene Names	DGT6; FAM29A; KIAA1574
UniProt Entry Name	HAUS6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fam29a-haus6-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/128221>